

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

248001

SKYLAB

E7.4-10658

CR-138890

MONTHLY REPORT #9

- A. TITLE: FEASIBILITY OF USING S-191 INFRARED SPECTRA FOR GEOLOGICAL STUDIES FROM SPACE.
- B. PRINCIPAL INVESTIGATORS: R.J.P. Lyon; F.R. Honey
School of Earth Sciences
Stanford University
Stanford, California, 94305

Phone (415) 321-2300, EXT 4147/4462
- C. PROPOSAL #9641 Contract #NAS 9-13357
- D. TECHNICAL MONITORS: Larry York; Tim White
Code TF 6
Johnson Spacecraft Center
Houston, Texas 77058

Phone (713) 483-2526
- E. PERIOD: April 1, 1974-April 30, 1974

REMOTE SENSING LABORATORY

STANFORD UNIVERSITY

STANFORD, CALIFORNIA

94305

OVERALL STATUS (Problem areas, significant progress)

1. As it had been brought to our attention that the first set of SL-2 and SL-3 S-191 data tapes were erroneous, analysis of the data on these tapes was suspended.
2. No RB-57 data tapes received for analysis.
3. Chart illustrating geologic species along Mission 248 track completed.

G. DATA RECEIVED TO DATE

See next page.

H. RECOMMENDATIONS (Decisions/Actions required to ensure attainment of scientific objectives),

1. URGENT: Dispatch of RB-57 infrared pallett tapes,
2. New set of S-191 data tapes for SL-3.

I. EXPECTED ACCOMPLISHMENTS FOR NEXT PERIOD

1. Completion of flight path maps and associated geology.
2. Analysis of S-191 tapes and RB-57 tapes (if received).

J. SIGNIFICANT RESULTS

None as yet.

K. SUMMARY OF FUTURE EFFORT

Analysis of data from RB-57 infrared pallet tapes and SL-3 S-191 tapes (when received), and correlation of data with geology at target.

L. TRAVEL SUMMARY AND PLANS

None for next period.

G. DATA RECEIVED TO DATE

AIRCRAFT RB57

SKYLAB

										S191
	Films	Boresight Film	Data Logs	Data Tapes	16mm.C.R.T. Plots	I.R. R57 Data Images	S190A	S190B	S191 Data Tapes	Boresight Film
SL2	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	R.	N.R.	7 track (1 set of 2)*	R.
SL3	R.	R.	N.R.	N.R.	N.R.	N.R.	R.	N.R.	7 track (3 sets of 2)	R.

*Received unordered test tape and data tape (S192) from SL2 which we would like to retain for 3 months.

R.=Received

N.R=Not Received